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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: University of Utah Research Foundation

Application No./Patent No.: 10/536,735 Filed/Issue Date: May 27, 2005

Entitled: Casein Kinase I Epsilon And Casein Kinase I Delta And Sleep In Humans

University of Utah Research Foundation, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:


1. From: Louis J. Placek To: Howard Hughes Medical Institute
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Howard Hughes Medical Institute To: University of Utah
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Ying-Hui Fu and Christopher R. Jones To: University of Utah
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature
ZACHARY MILES, ESQ
Printed or Typed Name
Licensing Manager
Title

7/18/08
Date
861-581-7792
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Supplement Sheet to Statement Under 37 CFR 3.73(b)

Applicant/Patent Owner: University of Utah Research Foundation

Application No./Patent No.: 10/536,735

Filed/Issue Date: May 27, 2005

A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as follows (continued from the previous page):

4. From: University of Utah

To: University of Utah Research Foundation

ASSIGNMENT

Assignment made 1/21, 2004 by Louis J. Ptacek, MD
("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation (the "Institute").

Recitals

WHEREAS, Inventor is an employee of the Institute and, as a condition of his employment, has signed the Agreement appended to the Institute's Policy on Intellectual Property (the "Intellectual Property Agreement");

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor has agreed (a) to assign to the Institute all rights he may acquire in any invention, discovery, improvement, or other intellectual property, whether or not patentable or copyrightable, developed directly or indirectly as a result of a program of research financed by Institute funds or funds under the control of the Institute (each a "Subject Property") and (b) to execute any agreements that may be desired by the Institute in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "Casein Kinase 1 Epsilon Gene and Sleep in Humans" and "Casein Kinase 1 Delta Gene and Sleep in Humans" which may be the subject of a patent application (the "Inventions"), and the Invention is a Subject Property; and

WHEREAS, Inventor seeks to make a formal assignment of his interest in the Inventions to the Institute, and the Institute desires the execution of a formal assignment of all of Inventor's right, title, and interest in the Inventions;

NOW, THEREFORE, in consideration of the promises contained in and the acts performed and to be performed pursuant to the Intellectual Property Agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged by Inventor, Inventor agrees as follows:

1. **Assignment.** Inventor hereby assigns to the Institute his entire right, title, and interest in the Inventions; any United States patent applications and all corresponding foreign patent applications which are directed to the Inventions (including, without limitation, the patent application entitled "Casein Kinase 1 Epsilon and Casein Kinase 1 Delta and Sleep in Humans" filed on November 26, 2003 with Serial Number PCT/US03/37992), and any and all patents issued therefrom; all United States or foreign division and continuation applications based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Inventions and which may be contained in continuation-in-part applications or in patents which issue therefrom.

2. **Cooperation.** Inventor agrees to execute upon request such further assignments, documents, and other instruments as may be necessary or desirable to assign Inventor's entire right, title and interest in the Inventions to the Institute and to assist the Institute (or others at the direction of the Institute) in applying for, obtaining, and enforcing patents,

copyrights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of the Assignment shall inure to the benefit of the Institute and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives and assigns.

4. Warranty. Inventor warrants and represents that he has not entered into any assignment, contract, or understanding in conflict herewith, and that there is no other person or entity whose consent is required in order for the Inventor to make the assignment contained herein.

Inventor:

Louis J. Pracek
Louis J. Pracek, MD

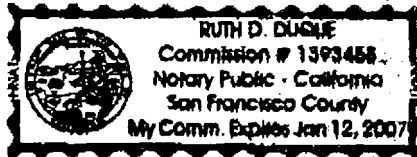
State of Utah California

County of San Francisco

Then personally appeared before me the above-named Louis J. Pracek, MD and acknowledged that he executed the foregoing instrument in his authorized capacity this 21st day of January, 2004.

Notary Public:

(SEAL)



Ruth Duque
RUTH DUQUE
(print name)

My Commission Expires: 1/12/07

U-3449 and U-3450
HHMI 02472 and 02471

ASSIGNMENT

WHEREAS, HOWARD HUGHES MEDICAL INSTITUTE, whose post-office address is 4000 Jones Bridge Road, Chevy Chase, MD 20815-6789, U.S.A., is the owner of the entire joint interest in new and useful improvements in “CASEIN KINASE I EPSILON AND CASEIN KINASE I DELTA AND SLEEP IN HUMANS” for which an application was filed on May 27, 2005, Application No. 10/536,735; and

WHEREAS, the UNIVERSITY OF UTAH, whose post-office address is 615 Arapen Drive, Suite 310, Salt Lake City, Utah 84108, U.S.A., is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Louis J. Ptacek, MD, for myself and as agent of the HOWARD HUGHES MEDICAL INSTITUTE, does hereby sell, assign and transfer unto said UNIVERSITY OF UTAH, its entire joint right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent that may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, division, continuation-in-part, extension, or continuation thereof, and all rights of priority under the Paris Convention arising from said application; the same for its legal representatives, and assigns, as fully and entirely as the same would have been held by it had this assignment and sale not been made;

AND, it does hereby bind its legal representatives, administrators, and assigns properly to execute without further consideration any and all applications, petitions, oaths, and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid UNIVERSITY OF UTAH, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, I have executed this Assignment this 24th day
of June, 2008.

HOWARD HUGHES MEDICAL INSTITUTE

Louis Ptacek (L.S.)
Louis J. Ptacek, MD

for himself and as agent for the Howard Hughes Medical Institute

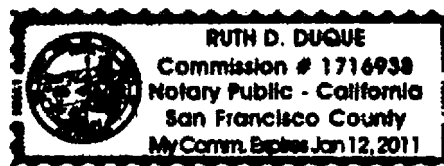
State of CALIFORNIA

County of SAN FRANCISCO

On JUNE 24, 2008, before me, a Notary Public, came LOUIS PTACEK, acting
on behalf of the Howard Hughes Medical Institute, to me known and known to be the individual
described in and who executed the ASSIGNMENT of the invention entitled CASEIN KINASE I
EPSILON AND CASEIN KINASE I DELTA AND SLEEP IN HUMANS, and who duly
acknowledged the same to be his free act and deed.

Ruth D. Duque
Notary Public

My Commission Expires: 01/12/2011





Howard Hughes Medical Institute

Sue S. Ohata
Manager of Intellectual Property

January 27, 2004

BY HHMI POUCH

Louis J. Ptacek, MD
Associate Investigator
Howard Hughes Medical Institute
University of California San Francisco
Department of Neurology
505 Parnassus Ave., M798
San Francisco, CA 94143-0114

Dear Dr. Ptacek:

I have received the executed form assigning your rights in the invention entitled "Casein Kinase 1 Epsilon Gene and Sleep in Humans" and "Casein Kinase 1 Delta Gene and Sleep in Humans" which is set forth on the invention disclosure dated September 23, 2002 (the "Invention"). The Institute has adopted the practice of appointing you as the Institute's agent for the purpose of assigning its rights in the Invention to the University of Utah (the "University"), as required under the collaborative arrangement between the Institute and the University. Enclosed with this letter is an executed document appointing you as the Institute's agent for this purpose. I have sent the original assignment(s), this letter and its enclosure to Rachel Tennyson at the University.

As you are probably aware, you will be asked to execute an assignment of rights to the University in the event a patent application is filed with respect to the Invention. To ensure that the Institute's rights are properly assigned to the University, it is important that you have the enclosed executed document with you when you execute that assignment and that, after your signature, you write in "for himself and as agent for the Howard Hughes Medical Institute." If you have any questions at all about this procedure or your role in it, please contact me.

Sincerely,

Sue S. Ohata

Enclosure

cc: Rachel Tennyson, PhD

0928401

4000 Jones Bridge Road
Chevy Chase, Maryland 20815-6789
(301) 215-8849 • Fax (301) 215-8834
ohatas@hhmi.org

APPOINTMENT OF INVESTIGATOR AS AGENT

Appointment by the Howard Hughes Medical Institute (the "Institute") of Louis J. Ptacek, MD, an employee of the Institute, as its agent for the purpose of assigning certain rights to University of Utah (the "University").

WHEREAS, the Institute and the University collaborate in the active conduct of medical research pursuant to an Agreement between them dated as of October 1, 1986 (the "Agreement");

WHEREAS, pursuant to the Agreement, the Institute has agreed to assign to the University the Institute's rights with respect to inventions, discoveries, improvements, and other intellectual property, whether patentable or copyrightable (each a "Subject Property"), conceived or reduced to practice in the course of the research program conducted under the Agreement by employees of the Institute;

WHEREAS, research conducted pursuant to the Agreement by Louis J. Ptacek, MD while employed by the Institute at the University has resulted in the invention of a certain Subject Property entitled "Casein Kinase 1 Epsilon Gene and Sleep in Humans" and "Casein Kinase 1 Delta Gene and Sleep in Humans" which is the subject of a patent application entitled "Casein Kinase 1 Epsilon and Casein Kinase 1 Delta and Sleep in Humans" filed on November 26, 2003 with Serial Number PCT/US03/37992), and the Invention is a Subject Property; and

WHEREAS, the Institute wishes Louis J. Ptacek, MD to act as its agent for the purpose of assigning to the University the rights the Institute has in the Invention by reason of the research program conducted at the University,

NOW THEREFORE, the Institute hereby appoints Louis J. Ptacek, MD as its agent for the purpose of assigning the rights the Institute has or may acquire in the Invention by reason of the research program conducted at the University to the University in accordance with and subject to the conditions of the Agreement.

Executed January 23, 2004

HOWARD HUGHES MEDICAL INSTITUTE

By: 

David A. Clayton, PhD

Vice President and Chief Scientific Officer

ATTESTED:


Joan S. Leonard, Esq.

Vice President and General Counsel

U-3449

HHMI 02472 and 02471

ASSIGNMENT

We, Ying-Hui Fu and Christopher R. Jones, have invented compositions and methods of using the same entitled **CASEIN KINASE I EPSILON AND CASEIN KINASE I DELTA AND SLEEP IN HUMANS** hereinafter called the "invention" for which an application for United States Letters Patent was filed in the United States Patent and Trademark Office as Serial No. **10/536,735**, on **May 27, 2005**.

The Assignee, University of Utah, a corporation of the State of Utah, having a principal place of business at 615 Arapleen Drive, Suite 310, Salt Lake City, Utah, 84108, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, WE HEREBY SELL ASSIGN AND TRANSFER TO THE ASSIGNEE:

The entire right title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment and sale not been made;

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such application.

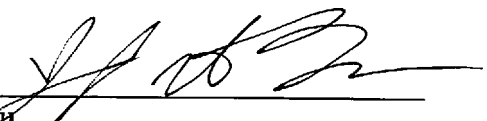
We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of said Assignee, its successors, assigns and legal representatives.

We hereby bind ourselves, my heirs, legal representatives, administrators and assigns by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents,
the production of evidence, nullification, reissue, extension, or infringement
proceedings involving said invention.

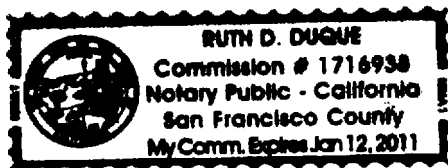
This assignment and agreement shall be binding upon heirs and legal representatives.



Ying-Hui Ea

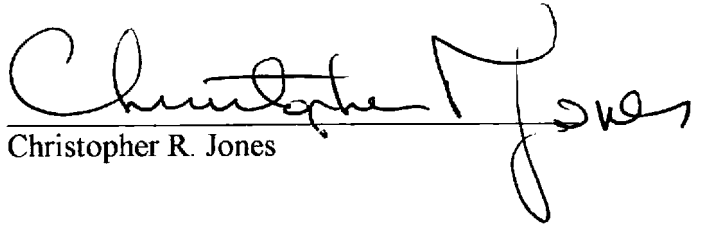
STATE OF CALIFORNIA)
)
)ss.
COUNTY OF SAN FRANCISCO)

On this 3RD day of JUNE, 2008, personally appeared before me
RUTH D. DUQUE, who proved to me on the basis of satisfactory evidence to
be the person whose name is subscribed to on this Assignment, and acknowledged that he
executed the same.





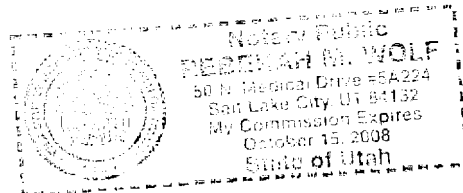
01/12/2011 NOTARY PUBLIC
COMMISSION EXPIRATION


Christopher R. Jones

STATE OF UTAH)
)ss.
COUNTY OF SALT LAKE)

On this 11 day of JUNE, 2008, personally appeared before me
CHRISTOPHER JONES, who proved to me on the basis of satisfactory evidence to
be the person whose name is subscribed to on this Assignment, and acknowledged that he
executed the same.

 **NOTARY PUBLIC**
10/15/2008 **COMMISSION EXPIRATION**



ASSIGNMENT

Whereas, the University of Utah, a corporation of the State of Utah, having a place of business at 615 Arapeen Dr., Suite 310, Salt Lake City, UT 84108, is the owner of the entire right, title and interest in and to application for United States Letters Patent entitled **CASEIN KINASE I EPSILON AND CASEIN KINASE I DELTA AND SLEEP IN HUMANS**, filed in the United States Patent and Trademark Office as Serial No. **10/536,735**, on **May 27, 2005**, which application is incorporated herein by this reference; and the invention therein described; and

Whereas, University of Utah Research Foundation, a corporation of the State of Utah, having a place of business at 615 Arapeen Dr., Suite 310, Salt Lake City, UT 84108, is desirous of acquiring the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefore; and in and to said application;

Now, therefore, in consideration of the sum of One Dollar (\$1.00) paid by University of Utah Research Foundation to the University of Utah and other good valuable consideration, the receipt of which is hereby acknowledged, the University of Utah has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto the said University of Utah Research Foundation the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and within all countries foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefore and in and to the said application and in and to any and all divisions, reissues, continuations, continuations in part, and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by University of Utah Research Foundation for its own use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the University of Utah if this assignment, transfer and sale had not been made.

The University of Utah hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to said University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the sole use and enjoyment of said University of Utah Research Foundation, its successors and assigns.

Docket No: 007180-74 US

In Testimony whereof, the University of Utah has caused the hand of its proper representative to be subscribed hereto this 18th day of July, 2008.

UNIVERSITY OF UTAH

By 

STATE OF UTAH


)

: ss.

COUNTY OF SALT LAKE

)

On July 18, 2008, before me personally appeared Zachary Miles of said University of Utah known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that the same is true of his own knowledge excepting as to matters therein alleged upon information and belief and as to those matters he believes them to be true, and that he executed the same as his free act and deed and for the purposes set forth therein.


NOTARY PUBLIC
Residing at Salt Lake City

My Commission expires:

July 24, 2008

